



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

List of Botanical Papers Presented before the Section of Biology,
Indianapolis Meeting A. A. A. S., August, 1890.

Forest Trees of Indiana, by Stanley Coulter.

Preliminary notes on a new and destructive Oat Disease, by
B. T. Galloway.

Observations on the variability of disease-germs, by Theobald Smith.

The Trimorphism of *Uromyces Trifolii*, by J. K. Howell,
presented by W. R. Dudley.

Observations on the life history of *Uncinula spiralis*, by B.
T. Galloway.

On the seed coats of the genus *Euphorbia*, by L. H.
Pammel.

Observations on the method of growth of the Prothallia
of the Filicineæ, with reference to their relationships, by Douglas
H. Campbell.

Development of the Sporocarp of *Griffithsia Bornetiana*, by
V. M. Spalding.

Contributions to the life history of *Isoetes*, by Douglas H.
Campbell.

The relation of the Mexican flora to that of the United States,
by Sereno Watson.

The distribution of the North American *Umbelliferæ*, by John
M. Coulter.

The distribution of Hepaticæ of North America, by Lucien
M. Underwood.

The Migration of Weeds, by Byron D. Halsted.

Geographical distribution of North American Grasses, by W.
J. Beal.

Geographical distribution of North American Cornaceæ, by
John M. Coulter.

The general distribution of North American plants, by N. L.
Britton.

Work of the Botanical Division of the Department of Agriculture,
by F. V. Coville.

The continuity of protoplasm through the cell-walls of plants,
by W. J. Beal and T. W. Tuomey.

The development and function of the so-called Cypress-
"knees," with a consideration of the natural habitat of the tree,
by W. P. Wilson.

Preliminary notes on the genus *Rynchospora* in North
America, by N. L. Britton.

On *Rusbya*, a new genus of Vacciniaceæ from Bolivia, by N.
L. Britton.

Notes on a monograph of the genus *Lechea*, by N. L. Britton.

The specific germ of the Carnation disease, by J. C. Arthur
and H. L. Bolley.

Notes upon plants collected by Dr. Ed. Palmer at La Paz,
Lower California, in 1890, by J. N. Rose, presented by John M.
Coulter.

Notes upon the crystals in certain species of the Arum family,
by W. R. Lazenby.

Notes on *Isopyrum biternatum*, by C. W. Hargitt.

Botanical Notes.

Tubular Flowers in Rudbeckia. I have lately had handed to
me a flower of the *Rudbeckia hirta*, in which the rays instead of
being flat are all tubular. The plant grows here in Concord, it
had eight or ten flowers and all the rays were like the specimen
given me. The tubular flowers were of the light color of the un-
derside of the rays, while the opening at the end was bright yel-
low, a line or vein being on the centre of the upper side where
the rolled rays seemed to join. The flower looked very much
like the hub and spokes of a wheel. A. W. HOSMER.

Concord, Mass.

Progress at Brown University. Botany is looking up at
Brown University. At its last meeting, the Corporation elected
Mr. James L. Bennett Curator of the Herbaria, and Prof. H.
C. Bumpus assistant in Biology. We have some hopes, too,
of new and better accommodations for the herbaria and labora-
tory. We greatly desire to strengthen our present collections
and to create an economic museum. In the hope that some
friend may see this and aid us, I send you this brief note.
Fruits, fibres, fabrics, drugs; nothing vegetable will be alien to us.
We ask the good will of the fraternity. W. W. BAILEY.